LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A suction device for use with an electrophysiology device, the electrophysiology device ~~that~~ includinges an ~~at least one~~ operative element, a fluid lumen and a fluid outlet, the suction device comprising:

at least one suction pod defining a suction region; and

a connector configured to removably secure the electrophysiology device to the suction device such that the fluid outlet is within the suction region.

2. (Currently Amended) A suction device as claimed in claim 1, wherein the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions.

3. (Original) A suction device as claimed in claim 1, further comprising: a suction line configured to be connected to a suction source; and at least one aperture that connects the suction line to the at least one suction pod.

4. (Original) A suction device as claimed in claim 1, wherein the at least one suction pod comprises a flexible suction pod.

5. (Original) A suction device as claimed in claim 1, wherein the connector comprises a slot.

6. (Currently Amended - Withdrawn) A suction device as claimed in claim 1, wherein the electrophysiology device includes a plurality of fluid outlets, the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions, and the connector is configured to removably secure the electrophysiology device to the suction device such that each fluid outlet is within a respective suction region.

7. (Currently Amended) A suction device for use with an electrophysiology device, the electrophysiology device ~~that~~ includinges ~~at least one~~ an operative element, the suction device comprising:

at least one suction pod defining a bottom surface; and

a connector configured to removably secure the electrophysiology device to the suction device such that a portion of the electrophysiology device extends below the bottom surface of the suction pod.

8. (Currently Amended) A suction device as claimed in claim 7, wherein the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions.

9. (Original) A suction device as claimed in claim 7, further comprising: a suction line configured to be connected to a suction source; and at least one aperture that connects the suction line to the at least one suction pod.

10. (Original) A suction device as claimed in claim 7, wherein the at least one suction pod comprises a flexible suction pod.

11. (Original) A suction device as claimed in claim 7, wherein the connector comprises a slot.

12. (Original) A suction device as claimed in claim 7, wherein the connector is configured to removably secure the electrophysiology device to the suction device such that the portion of the electrophysiology device extends about 0.5 mm below the bottom surface of the suction pod.

13. (Currently Amended) A suction device for use with an electrophysiology device, the electrophysiology device ~~that~~ includinges ~~at least one~~ an operative element, the suction device comprising:

two longitudinally spaced suction pods; and

a connector configured to removably secure the electrophysiology device to the suction device such that a ~~at least the~~ substantial majority of the operative element is between the suction pods.

14. (Original) A suction device as claimed in claim 13, further comprising: a suction line configured to be connected to a suction source; and two apertures that respectively connect the suction line to the two suction pods.

15. (Original) A suction device as claimed in claim 13, wherein the suction pods comprise flexible suction pods.

16. (Original) A suction device as claimed in claim 13, wherein the connector comprises a slot.

17. (Original) A suction device as claimed in claim 13, wherein the electrophysiology device includes a plurality of longitudinally spaced operative elements supported on a support body and the connector is configured to removably secure the electrophysiology device to the suction device such that respective portions of the support body between the longitudinally spaced operative elements are aligned with the suction pods.

18. (Original) A system, comprising:

an electrophysiology device including a support structure, at least one operative element carried on the support structure, a fluid lumen and a fluid outlet; and

a suction device including at least one suction pod defining a suction region and a connector that removably secures the electrophysiology device to the suction device;

wherein the electrophysiology device and suction device are respectively configured such that the fluid outlet is within the suction region when the electrophysiology device is connected to the suction device.

19. (Original) A system as claimed in claim 18, wherein electrophysiology device defines a distal end, the connector comprises a slot defining a distal end, and the electrophysiology device and suction device are respectively configured such that the fluid outlet is within the suction region when the distal end of the electrophysiology device is adjacent to the distal end of the slot.

20. (Original) A system as claimed in claim 18, further comprising: a suction source adapted to be operably connected to the suction device.

21. (Currently Amended) A system as claimed in claim 18, wherein the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions.

22. (Original) A system as claimed in claim 18, wherein the suction device includes a suction line configured to be connected to a suction source and at least one aperture that connects the suction line to the at least one suction pod.

23. (Currently Amended) A system as claimed in claim 18, wherein the suction devices comprises a flexible suction device.

24. (Currently Amended - Withdrawn) A system as claimed in claim 18, wherein the electrophysiology device includes a plurality of fluid outlets, the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions, and the electrophysiology device and suction device are respectively configured such that such that each fluid outlet is within a respective suction region when the electrophysiology device is connected to the suction device.

25. (Original) A system as claimed in claim 18, wherein the at least one operative element comprises a plurality of spaced electrodes.

26. (Original) A system, comprising:

an electrophysiology device including a support structure and at least one operative

element carried on the support structure; and

a suction device including at least one suction pod defining a bottom surface and a connector that removably secures the electrophysiology device to the suction device; wherein the electrophysiology device and suction device are respectively configured such that a portion of the electrophysiology device extends below the bottom surface of the suction pod when the electrophysiology device is connected to the suction device.

27. (Original) A system as claimed in claim 26, further comprising: a suction source adapted to be operably connected to the suction device.

28. (Original) A system as claimed in claim 26, wherein the electrophysiology device and connector are configured such that the portion of the electrophysiology device extends about 0.5 mm below the bottom surface of the suction pod when the electrophysiology device is connected to the suction device.

29. (Currently Amended) A system as claimed in claim 26, wherein the at least one suction pod comprises a plurality of suction pods, each suction pod defining a respective suction regions.

30. (Original) A system as claimed in claim 26, wherein the suction device includes a suction line configured to be connected to a suction source and at least one aperture that connects the suction line to the at least one suction pod.

31. (Original) A system as claimed in claim 26, wherein the suction devices comprises a flexible

suction device.

32. (Original) A system as claimed in claim 26, wherein the at least one operative element comprises a plurality of spaced electrodes.

33. (Currently Amended) A system, comprising:

an electrophysiology device including a support structure and at least one operative element carried on the support structure; and

a suction device including two longitudinally spaced suction pods and a connector configured to removably secure the electrophysiology device to the suction device;

wherein the electrophysiology device and suction device are respectively configured such that a ~~at least the~~ substantial majority of the operative element is between the suction pods when the electrophysiology device is connected to the suction device.

34. (Original) A system as claimed in claim 33, wherein the suction device includes a suction line configured to be connected to a suction source and two apertures that respectively connect the suction line to the two suction pods.

35. (Original) A system as claimed in claim 33, wherein the suction device comprises a flexible suction device.

36. (Original) A system as claimed in claim 33, wherein the electrophysiology device includes a plurality of longitudinally spaced operative elements supported on a support body and the

electrophysiology device and suction device are respectively configured such that respective portions of the support body between the longitudinally spaced operative elements are aligned with the suction pods when the electrophysiology device is connected to the suction device.

37. (Original) A system as claimed in claim 33, wherein the plurality of longitudinally spaced operative elements comprises a plurality of longitudinally spaced electrodes.

38. (Original) A system as claimed in claim 33, further comprising: a suction source adapted to be operably connected to the suction device.

39. (Currently Amended) A method of operating an electrophysiology device, the electrophysiology device including a support structure, at least one operative element carried on the support structure, a fluid lumen and a fluid outlet, the method comprising the steps of:

securing a portion of the support structure to tissue with a suction device;

supplying cooling fluid to the fluid lumen; and

drawing fluid from the fluid outlet into the suction device.

40. (Original) A method as claimed in claim 39, wherein the step of removably securing the suction device to the electrophysiology device comprises creating an interference fit between the suction device and the electrophysiology device.

41. (Original) A method as claimed in claim 39, further comprising the step of: performing at least one of a diagnostic and a therapeutic procedure after the support structure is secured to

tissue with the suction device.

42. (Withdrawn) A method as claimed in claim 39, wherein the electrophysiology device includes a plurality of fluid outlets; and the step of drawing fluid comprises drawing fluid from each of the fluid outlets into the suction device.

43. (Original) A method as claimed in claim 39, further comprising the step of: vaporizing the fluid.

44. (Original) A method as claimed in claim 39, further comprising the step of: removing the fluid drawn into the suction device from a patient.